

**RECOVERY OF RECOMBINANT HUMAN PARAINFLUENZA VIRUS
TYPE 2 (HPIV2) FROM cDNA AND USE OF RECOMBINANT HPIV2
IN IMMUNOGENIC COMPOSITIONS AND AS VECTORS TO ELICIT
IMMUNE RESPONSES AGAINST PIV AND OTHER HUMAN
PATHOGENS**

ABSTRACT OF THE DISCLOSURE

Recombinant human parainfluenza virus type 2 (HPIV2) viruses and related immunogenic compositions and methods are provided. The recombinant HPIV2 viruses, including HPIV2 chimeric and chimeric vector viruses, provided according to the invention are infectious and attenuated in permissive mammalian subjects, including humans, and are useful in immunogenic compositions for eliciting an immune responses against one or more PIVs, against one or more non-PIV pathogens, or against a PIV and a non-PIV pathogen. Also provided are isolated polynucleotide molecules and vectors incorporating a recombinant HPIV2 genome or antigenome.